



California Regional Water Quality Control Board

Santa Ana Region



Alan C. Lloyd, Ph.D.
Agency Secretary

3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (951) 782-4130 – FAX (951) 781-6288 – TTY (951) 782-3221
<http://www.waterboards.ca.gov/santaana>

Arnold Schwarzenegger
Governor

April 29, 2005

Mr. Philip H. Mook, Jr., P.E.
Regional Environmental Coordinator
AFRPA/DD
3411 Olson Street
McClellan, California 95652-1003

COMMENTS ON 2003-2004 ANNUAL MONITORING REPORT, CASE No. 083302549T, BUILDING 550, FORMER MARCH AIR FORCE BASE

Dear Mr. Mook:

We have reviewed the above referenced document, dated March 2005, which we received on March 14, 2005. We have the following comments:

- **5.0 BUILDING 550 SUMMARY**, page 5-1: The report and summary identify that in Unit A, the leading edge of the methyl-tert-butyl ether (MTBE) plume is not defined, and the plume is moving downgradient. The report recommends installation of two additional monitoring wells to address the plume movement and definition. We concur with that recommendation.
- **5.0 BUILDING 550 SUMMARY**, page 5-1: The report also states that the extraction wells appear to be reducing contamination within the hotspot or source area. Based on review of Figures 4-1, 4-2, and 4-3, it is clear that significant concentrations of MTBE, 1,2-dichloroethane (1,2-DCA) and, to a lesser extent, benzene have moved downgradient beyond the extraction wells' area of capture. Additional groundwater extraction wells are necessary to intercept and abate the MTBE and 1,2-DCA plume. We recommend that a minimum of two extraction wells be added to the groundwater extraction and treatment system.

For any questions, please call me at (951) 782-4494 or send email to jbroderick@waterboards.ca.gov.

Sincerely,

John Broderick
SLIC/DoD Section

cc via email: Mr. Eric Lehto, 452 MSG/CEV, March ARB
Mr. Stephen Niou, DTSC, Office of Military Facilities
Mr. John Lucey, US EPA, Region 9

California Environmental Protection Agency



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